

Standard File Naming Conventions

Listed here are the Roadway Design Standard File Name Extensions and their meanings

2D Microstation (graphic) Files Oriented to Plan Production

ALN	Photogrammetry alignment. Note: Roadway Design does not normally reference .aln files to plan sheets.
PLN	Existing Topo
DGN	Existing Property
TSH	Title Sheet
TYP	Typical Sections and other Sheet 2 details.
SUM	Summary Sheets (Sheet 3-A and greater). This includes Guardrail, Drainage, Pavement Removal, and Earthwork Summary Sheets.
DSN	Proposed Design (formerly dgn). This includes Proposed Alignments, EOP's, C&G, etc.
DRN	Proposed Drainage
ROW	Proposed Right-of-Way
PSH	Plan Sheets. This includes Combination Plan/Profile Sheets.
DTL	Detail Sheets Obsolete For new projects, we no longer recommend the .dtl extension for detail sheets. This is primarily because the .dtl extension is now being used for dtm files coming from Location & Surveys. Please use the .psh extension for all plan sheets.
LAY	Plan Sheet Layout
PFL	Profile Sheets
DET	Detour Design
PAT	Pattern Lines
SHP	Shape File
EOP	Edge of Pavement File. Note: This file is usually made by copying level 3 out of the pln files and deleting unnecessary elements. It is then utilized by criteria to determine the edge of pavement for widening templates.
SS	Temporary Slope Stake File
XSC	Cross-Sections (to be used with Geopak).
XPL	Cross-Section Layout (to be plotted).
SPD	Shear Point Diagram.
tcp	Traffic Control Plans
ext, ex1, ex2, . . .	Extended Surveys from Location
rev, re1, re2, . . .	Revised Topo from Photogrammetry
UTL	Utility Files

Other 2D Microstation (graphic) Files

PHM Public Hearing Map
PRB Project Breakdown Maps
TOP Contour Lines and Planimetrics
PMM Planimetric Mapping - Photogrammetry
RDF Raster Design File

Microstation (graphic) Files -- 3 Dimensional

DTM Digital Terrain Model (from Photogrammetry)
DTL Digital Terrain Model (from Location and Surveys)
TRI Triangle File
CON Contour File

Geopak Binary Files (non-graphical)

GPK Geopak Cogo Database. This is where all points, curves, chains, profiles, etc. are stored.
TIN Triangulated Irregular Network. (from Photogrammetry or Roadway) Geopak creates this file from a dtm.
TNL Triangulated Irregular Network. (from Location) Geopak creates this file with a .tin extension from a dtm. Location renames it to help identify them as the originators of the file.
LAT Lattice File
DAT Extracted DTM data file. (Note: This file may be ASCII (text) or binary, depending on the user's choice.)

ASCII (text only) Files

PHO Cross-Section Modules -- English Format
XST Cross-Section Modules -- Metric Format
XYZ Ascii Cross Section File created with geoxsc
BLN Baseline Alignment
INP Input files for "xs" procedures including criteria.
OUT Output file in the case where the text output is the desired end product. The main case for this is the earthwork run.
LOG Output file in the case where graphical design elements are the desired end product. The **log** file in these cases is used to detect errors, station ranges, etc. Note: Many people use .log in place of .out (above).
TXT Miscellaneous text files. Under Windows NT, **txt** is associated with a text editor.
I** Geopak cogo input file. where "*" can be any alpha-numeric character
O** Geopak cogo output file. where "*" can be any alpha-numeric character

INS GEOPAK Text Insert Files

DAT Insurve output file from the Location and Surveys Unit.